st. 4	Walk-way and Jogging path								
Sl No.	SPECIFICATIONS	No	L	B	D	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
4.1	Earthwork for lowering and levelling the ground other than foundation works by mechanical means upto 3.00 depth, including providing shoring and strutting, removal of stumps and other deleterious matter, dressing of sides and bottom, filling back the excavation earth to the extent required including the cost of labour and HOM of machineries, as per drawing and technical specification.(PWD BCSR 2014-15, P-7 I-2.24)								
		1	2600	4.5	0.15	1755	Cum	56.16	98,561
4.2	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, **in ordinary soil** not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 (PWD BCSR 2014-15, P-5 I-2.3) Excavation for foundation of buildings, water supply sanitary lines, electrical conduits either in pits or in trenches where excavation width is above 600 mm below 1.5 mtrs. add 25% extra and **for width upto 600 mm add 50% extra for respective rates due to restricted conditions.**								
		4	2600	0.2	0.15	312	Cum	254.28	79,335
4.3	KSRB 4-1.7 : Providing and laying in position **plain cement concrete of mix 1:3:6** with OPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (PWD BCSR 2014-15, P-13 I-4.7)								
		4	2600	0.2	0.05	104.00	Cum	5189.76	539,735
4.4	5.29(b) Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete. (PWD BCSR 2014-15, P-25 I-5.30)								
	for walkway	4	5800			23200			
	for tree park	2	1200			2400			
						25600	Nos	298.92	7,652,352
4.5	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (PWD BCSR 2014-15, P-138 I-19.1)								
	for jogging track	1	2600	2.5	0.3	1950	Cum	75.6	147,420

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Sl No.	SPECIFICATIONS	No	L	B	D	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
4.6	KSRRB M300-54. Construction of embankment with approved material deposited at site from roadway cutting and excavation from drain and foundation of other structures graded and compacted to meet requirement of Table 300-2 complete asper specifications.which includes , watering charges & compaction by vibratory roller) MORTH Specification No. 305 (PWD BCSR 2014-15, P-144, I-19.61)								
	elevation difference for w	1	2600	2.5	0.3	1950	Cum	66.78	130,221
4.7	KSRRB M400-6.1. Construction of granular sub-base by providing close graded material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. A. **Plant Mix Method. For grading III Material** (PWD BCSR 2014-15, P-151 I-20.4.3)								
	20 km lead taken	1	2600	2.5	0.15	975	Cum	1383.48	1,348,893
4.8	KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to **wet mix macadam** specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (PWD BCSR 2014-15, P-154 I-20.18)								
	20 km lead taken	1	2600	2.5	0.15	975	Cum	1535.76	1,497,366
4.9	KSRRB 500-6. Providing and applying primer coat wiyh S.S.bitumen emulsion on prepared surface of granular base such as WBM, WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means complete as per specifications. MORTH specifications No. 502 (PWD BCSR 2014-15, P-157 I-21.6)								
		1	2600	2		5200	sqm	35.21	183,082
4.10	KSRRB 500-11. Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, 50 /75mm compacted thickness with 3.3% bitumen but excluding cost of primer / tack coat with lead upto 1km including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH Chapter 5 **using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50mm to 75mm) with 3.3% VG-30 Bitumen** (PWD BCSR 2014-15, P-158 I-21.11.6)								
	20 km lead taken	1	2600	2	0.05	260	Cum	7005.96	1,821,550
4.11	KSRRB 500-7. Providing and applying tack coat on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH/Chapter 5 (PWD BCSR 2014-15, P-157 I-21.7)								
		1	2600	2		5200	sqm	18.738	97,438

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o.	SPECIFICATIONS	No	L	B	D	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
.12	KSRRB M500-18. Providing and laying **semi dense bituminous concrete** using crushed aggregate of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 508 coplete in all respects complete as per specifications. **using 40-60 TPH capacity H.M.P. with sensor paver grading I (35-40mm) with 4.5% CRMB-55 grade** (PWD BCSR 2014-15, P-160, I-21.21.3)								
		1	2600	2	0.04	208	Cum	10051.56	2,090,724
4.13	KSRRB M300-55. Construction of sub-grade and earthen shoulders with approved material Gravel/Murrum with all lifts & leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table No. 300-2 complete as per specifications (including cost of earth, watering charges & compaction by vibratory roller) MORTH Specification No. 305 (PWD BCSR 2014-15, P-144, I-19.62)								
	divider filling	1	2600	0.75	0.3	585			
	kerb back filling	2	2600	1.2	0.3	1872			
	for tree park	2	600	1.2	0.3	432			
	For 10 Km lead taken					2889	Cum	280.37	809,983
4.14	KSRRB M300-7.1. Planting permanent hedges including digging of trenches, 60 cm wide and 45 cm deep, refilling the excavated earth mixed with farmyard manure, supplied at the rate of 4.65 cum per 100 metres and supplying and planting hedge plants at 30 cm apart complete as per specifications.								
	A) **Planting permanent hedges including digging of trenches** MORTH Specification No. 307 (PWD BCSR 2014-15, P-147, I-19.84)								
	divider and lake side	2	2600			5200	mtr	79.92	415,584
4.15	KSRB 15-19.1 : Providing and applying **ready mix priming coat over concrete** / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications. (PWD BCSR 2014-15, P-118, I-15.80)								
		4	2600		0.5	5200	sqm	25.92	134,784
4.16	KSRB 15-20.2 : Providing and applying floor painting with **ready mix paint in one coats** (exluding priming coat) on new concrete / asbestos cement sheet / plastered surfaces brushing to give an even shade after preparing the surface after throughly cleaning oil, dirt, dust other foreign matter and sand papering including cost of materials, labour, complete as per specifications. (PWD BCSR 2014-15, P-118, I-15.84)								
		4	2600		0.5	5200	sqm	31.32	162,864
4.17	KSRRB M800-2. Retro-Reflectorised Traffic Signs :- Providing and fixing of retro- reflectorised cautionary, mandatory and informatory sign as per IRC :67 made of high intensity grade sheeting vide clause 800.1.3, fixed over Aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 45 cm x 45 cm x 60 cm, 60 cm below ground level as per approved drawing complete as per specifications. MORTH Specification No.801 (PWD BCSR 2014-15, P-176, I-24.2.5.1) **60 cm x 45 cm rectangular-Type IV**.								

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Sl No.	SPECIFICATIONS	No	L	B	D	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
		30				30	Nos	3018.6	90,558
4.18	KSRRB M800-7. Painting:-Providing and applying two coats of ready mix paint of approved brand after through cleaning of surface to give an even shade complete as per specifications. MORTH Specification No. 803 (PWD BCSR 2014-15, P-177, I-24.8.1)								
		60	0.65	0.5		19.5			
		1	2	1.4		2.8			
						22.3	sqm	54	1,204
4.19	KSRRB M800-10. Painting new letter and figures of any shade with synthetic enamel paint black or any other approved colour to give an even shade complete as per specifications. ("ii) English and Roman - Hyphen and the like not to be measured and paid for MORTH Specification No. 801 (PWD BCSR 2014-15, P-178, I-24.10)								
		180	60			10800	cm	0.432	4,666
4.20	KSRRB M800-4. Direction and Place Identification Signs with size more than 0.9 sqm Size Board:-Providing and erecting direction and place identification retro- reflectorised sign as per IRC :67 made of high intensity grade sheeting vide clause 800.1.3, fixed over aluminium sheeting, 2 mm thick with area exceeding 0.9 sqm supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm, 2 Nos. firmly fixed to the ground by means of properly designed foundation with M-15 grade cement concrete45 cm x 45 cm x 60 cm, 60 cm below ground level as per approved drawing complete as per specifications. MORTH Specification No.801 (PWD BCSR 2014-15, P-177, I-24.4) **Using Type IV sheeting**								
		1	1.8		1.2	2.16	sqm	6783.48	14,652
4.21	Miscellanous & rounding off								506
							Sub-Total Amount		**17,321,478**
	(Rupees One Crore SixtySix Lakhs TwentyFive Thousand Only)								

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Est. 5	Security-Room								
Sl No.	SPECIFICATIONS	No	L	B	D	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
5.1	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, culverts, watersupply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil; clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. Specification No. KBS 2.1 (a) / 2.3.5 (P W D BCSR 2014-15, P-5 I-2.3) Excavation for foundation of buildings, water supply sanitary lines, electrical conduits either in pits or in trenches where excavation width is above 600 mm below 1.5 mtrs. add 25% extra	4	2.67	0.90	1.25	12.02	cum	213.53	2,566
5.2	KSRB 2.8 : Providing and Filling in foundation with granite/trap broken metal 100 mm and down size,with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications (P W D BCSR 2014-15 P-6, I-2.15)	4	2.67	0.90	0.30	2.88	cum	1926.02	5,554
5.3	KSRB 4-1.3 : Providing and laying in **position plain cement concrete of mix 1:4:8** with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P W D BCSR 2014-15, P-12,I-4.3)	4	2.67	0.90	0.15	1.44			
	steps	1	1.30	1.50	0.15	0.29			
						1.73	cum	4757.28	8,251
5.4	KSRB 5.2-3:Providing and constructing granite / trap / basalt size stone masonry in foundation CM 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at two m apart in eachcourse including cost of all materials, labour,curing complete as per specifications.Specification No. KBS 5.1.13. (P W D BCSR 2014-15 P-23, I-5.6)	4	2.70	0.75	0.40	3.24			
		4	2.70	0.60	0.40	2.59			
						5.83	cum	3765.12	21,958
5.5	KSRB 5.3-3:Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6 , edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m apart in eachcourse including cost of all materials, labour,scaffolding, curing complete as per specifications. Specification No. KBS 5.1.13. (P W D BCSR 2014-15, P-23, I-5.9)	4	2.70	0.45	0.80	3.89			
	steps	1	1.30	0.75	0.90	0.88			
						4.77	cum	4458.36	21,246

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Sl No.	SPECIFICATIONS	No	L	B	D	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
5.6	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P W D BCSR 2014-15 P-12, I-4.6)								
	steps	4	2.70	0.45	0.10	0.49			
		1	1.30	1.50	0.10	0.20			
						0.68	cum	5228.98	3,561
5.7	KSRB 2-3:Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with alead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specifications No. KBS 2.9. (P W D BCSR 2014-15, P-6, I-2.10)								
		1	2.00	2.00	0.80	3.20			
		4	2.90	0.20	0.80	1.86			
						5.06	cum	116.60	590
5.8	KSRB 6-6.2 : Providing and constructing burnt brick masonry with approved quality of non- modular bricks of standard size of class designation 75 (Machine moulded Wirecut bricks) with cement mortar 1 :6 for basement and superstructure with cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2 complete (P W D BCSR 2014-15, P-28, I-6.20)								
	wall	4	2.70	0.23	2.60	6.46			
	gable	2	0.87	0.23		0.40			
	sitting platform	3	0.60	0.23	0.60	0.25			
	deduction								
	door	-1	1.00	0.23	2.10	-0.48			
	window	-2	1.50	0.23	1.20	-0.83			
						5.80	cum	9383.12	54,385
5.9	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (PWD BCSR 2014-15, P-13, I-4.13)								
	plinth slab	4	2.7	0.45	0.15	0.729			
	lintel allround	4	2.70	0.23	0.15	0.37			
	roof slab	1	5.90	3.80	0.15	3.36			
						4.46	cum	6087.58	27,179

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Sl No.	SPECIFICATIONS	No	L	B	D	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
5.10	KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0.5175cum and fine aggregtes @ 0.345cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (P W D BCSR 2014-15, P-14 I-4.19)								
	chajja	1	2.70	0.60		1.62	sqm	449.44	728
5.11	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.7 (P W D BCSR, 2014-15, P-16, I-4.34)								
	bottom door	1	1.00	0.23		0.23			
	window	2	1.50	0.23		0.69			
	sides	4	2.90	0.15		1.74			
		4	2.44	0.15		1.46			
						4.12	sqm	255.46	1,054
5.12	KSRB 4-6.10 Providing and removing centering, shuttering, strutting, propping etc., forchajjas, corbels etc., including edges including cost of all materials, labour complete as per specif icaiton. Specification No. KBS 4.6.2 etc., (P W D BCSR 2014-15, P-16 I-4.37)								
	chajja	1	1.30	0.60		0.78	sqm	265	207
5.13	KSRB 4-6.15 :Providing and removing centering, shuttering, strutting, propping etc., and removal of formwork for where inclination to horizontal plane exceeds 30 degree (where shuttering may be provided both on underside and upper side if required) including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2 etc., (P W D BCSR 2014-15, P-17 I-4.42)								
	roof slab	1	5.90	3.80		22.42	sqm	638.12	14,307
5.14	KSRB 4-6.9 :Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor, cills, plinth including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2 (P W D BCSR 2014-15, P-16 I-4.36)								
	roof slab	1	19.50		0.15	2.93	sqm	685.82	2,006
5.15	KSRB 4-9.2: Providing **TMT bars Fe 500** steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding whereever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and Paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 (P W D BCSR 2014-15, P-17, I-4.46.2)								
	Qty of steel for Item No.=					0.45	tonne	76900.88	34,333

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